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Date: November 17, 2006

By: [Signature]
Steven Goldstein

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: THOMSON *ET AL.*

APPLICATION No.: 10/667,027

FILED: SEPTEMBER 17, 2003

FOR: SIMULATION DRIVEN WIRELESS LAN PLANNING

EXAMINER: DESIR, PIERRE LOUIS

ART UNIT: 2617

CONF. No: 9124

Information Disclosure Statement After First Office Action but Before Final Action or Notice of Allowance – 37 C.F.R. § 1.97(c)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A. Timing of Submission

The information transmitted herewith is being filed *after* three months of the filing date of this application or after the mailing date of the first Office action on the merits, whichever occurred last, but *before* the mailing date of either a final action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311, whichever occurs first. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

B. Cited Information

- ☒ Copies of references 1-144 are issued patent(s) and published application(s) and are not included (see C.F.R. § 1.98(a)(2)(i)).
- ☒ Copies of references 145-164 are enclosed.

11/21/2006 MBELETE1 00000098 502207 10667027

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C. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

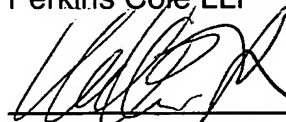
D. Fee Payment (37 C.F.R. § 1.97(c)) or Certification (37 C.F.R. § 1.97(e))

- ☒ Applicant elects to pay the fee under 37 C.F.R. § 1.17(p) \$180.00.
- ☒ Please charge the above fee(s) to Deposit Account No. 50-02207.
- ☒ Please charge any underpayment for timely filing of this paper to Deposit Account No. 50-2207.

E. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted,
Perkins Coie LLP



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Date: November 17, 2006

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Form PTO-1449 (Modified)
(Use several sheets if necessary)

COMPLETE IF KNOWN

Application Number	10/667,027
Confirmation Number	9124
Filing Date	September 17, 2003
First Named Inventor	Thomson et al.
Group Art Unit	2617
Examiner Name	Desir, Pierre Louis
Attorney Docket No.	43390-8001.US01

Sheet

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Publ. Appls. Date of Publication, Issue Date of Cited Document, or Filing Date of Applications.	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
	1.	2005/0059405		Thomson, <i>et al.</i>	9/03	
	2.	2005/0073980		Thomson et al.	4/05	
	3.	2005/0180358		Kolar et al.	8/05	
	4.	3,641,433		Mifflin et al.	2/72	
	5.	4,168,400		De Couasnon et al.	9/79	
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	7.	4,247,908		Lockart et al.	1/81	
	8.	4,291,401		Bachmann	9/81	
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	10.	4,409,470		Shepard et al.	10/83	
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EXAMINER

DATE CONSIDERED

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	10/667,027
				Confirmation Number	9124
				Filing Date	September 17, 2003
				First Named Inventor	Thomson et al.
				Group Art Unit	2617
				Examiner Name	Desir, Pierre Louis
Sheet	2	of	6	Attorney Docket No.	43390-8001.US01

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		NUMBER	Kind Code (if known)			
	31.	4,829,540		Waggener et al.	5/89	
	32.	4,850,009		Zook et al.	7/89	
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	90.	6,078,568		Wright	6/00	

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	92.	6,119,009		Baranger et al.	9/00	
	93.	6,199,032	B1	Anderson	3/01	
	94.	6,208,841		Wallace <i>et al.</i>	3/01	
	95.	6,218,930		Katzenberg et al.	4/01	
	96.	6,240,078		Kuhnel, <i>et al.</i>	8/98	
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	99.	6,285,662		Watannabe	9/01	
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Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
	110.	PCT	WO94/03986		WIPO	2/94		
	111.	PCT	WO99/11003		WIPO	3/99		

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OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.	T
	112.	Acampora and Winters, IEEE Communications Magazine, <u>25</u> (8):11-20 (1987).	
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	114.	Bing and Subramanian, IEEE, 1318-1322 (1997).	
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	118.	Geier, Jim, Wireless Lans Implementing Interoperable Networks, Chapter 3 (pp. 89-125) Chapter 4 (pp. 129-157) Chapter 5 (pp. 159-189) and Chapter 6 (pp. 193-234), 1999, United States.	
	119.	Ho et al., "Antenna Effects on Indoor Obstructed Wireless Channels and a Deterministic Image-Based Wide-Based Propagation Model for In-Building Personal Communications Systems", International Journal of Wireless Information Networks, vol. 1, No. 1, 1994.	
	120.	Kim et al., "Radio Propagation Measurements and Prediction Using Three-Dimensional Ray Tracing in Urban Environments at 908 MHz and 1.9 GHz", IEEE Transactions on Vehicular Technology, vol. 48, No. 3, May 1999.	
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	122.	LAN/MAN Standars Committee of the IEEE Computer Society, Part 11:Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications:Higher Speed Physical Layer Extension in the 2.4 GHz Band, IEEE Std. 802.11b (1999).	
	123.	Okamoto and Xu, IEEE, Proceeding so of the 13 th Annual Hawaii International Conference on System Sciences, pp. 54-63 (1997).	
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	126.	Piazzzi et al., "Achievable Accuracy of Site-Specific Path-Loss Predictions in Residential Environments", IEEE Transactions on Vehicular Technology, vol. 48, No. 3, May 1999.	
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